

1 / 1 6

SEQUENCE LISTING

<110> ONCOTHERAPY SCIENCE, INC.

~~THE UNIVERSITY OF TOKYO~~

<120> METHOD FOR DIAGNOSING COLORECTAL CANCERS

<130> ONC-A0302P

<150> US 60/488, 924

<151> 2003-07-21

<160> 24

<170> PatentIn version 3.1

<210> 1

<211> 22

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized primer sequence for RT-PCR

<400> 1

acaacagcct caagatcatc ag

2 / 1 6

<210> 2

<211> 20

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized primer sequence for RT-PCR

<400> 2

ggtccaccac tgacacgttg

20

<210> 3

<211> 21

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized primer sequence for RT-PCR

<400> 3

ggacatgtgc aggctgggct a

21

3 / 1 6

<210> 4

<211> 24

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized primer sequence for RT-PCR

<400> 4

gtagaattcc gtctccttgc cctt

24

<210> 5

<211> 23

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized primer sequence for RT-PCR

<400> 5

gtgttggttt cctcattcaa gtc

23

<210> 6

<211> 23

4 / 1 6

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized primer sequence for RT-PCR

<400> 6

cctcaagctt agcgatgtat tca

23

<210> 7

<211> 22

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized primer sequence for RT-PCR

<400> 7

cggtagac taggcagggt gt

22

<210> 8

<211> 23

<212> DNA

<213> Artificial

5 / 1 6

<220>

<223> An artificially synthesized primer sequence for RT-PCR

<400> 8

cctctctcga gggcagggtg tgt

23

<210> 9

<211> 22

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized primer sequence for construction of p
siH1bX

<400> 9

tggtagccaa gtgcaggtta ta

22

<210> 10

<211> 22

<212> DNA

<213> Artificial

6 / 1 6

<220>

<223> An artificially synthesized primer sequence for construction of p
siH1bX

<400> 10

ccaaagggtt tctgcagttt ca

22

<210> 11

<211> 30

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized primer sequence for construction of p
siH1bX

<400> 11

tgcggatcca gaggcagattt tactgagagt

30

<210> 12

<211> 29

<212> DNA

<213> Artificial

7 / 1 6

<220>

<223> An artificially synthesized primer sequence for construction of p
siH1bX

<400> 12

ctctatctcg agtgaggcgg aaagaacca

29

<210> 13

<211> 48

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized primer sequence for construction of p
siH1bX

<400> 13

tttaagctg aagaccattt ttggaaaaaaaaaaaaaaaaaaaaaca

48

<210> 14

<211> 34

<212> DNA

<213> Artificial

8 / 16

<220>

<223> An artificially synthesized primer sequence for construction of p
siH1bX

<400> 14

ttaagcttg aagacatggg aaagagtggc ctca 34

<210> 15

<211> 51

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized primer sequence for construction of p
siH1bX

<400> 15

tcccggttct ggagaacaac tacttcaaga gagtagttgt tctccagaac c 51

<210> 16

<211> 51

<212> DNA

<213> Artificial

9 / 16

<220>

<223> An artificially synthesized primer sequence for construction of p
siH1bX

<400> 16

aaaaggttct ggagaacaac tactctcttg aagttagttgt tctccagaac c 51

<210> 17

<211> 51

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized primer sequence for construction of p
siH1bX

<400> 17

caccgaagca gcacgacttc ttcttcaaga gagaagaagt cgtgctgctt c 51

<210> 18

<211> 51

<212> DNA

<213> Artificial

1 0 / 1 6

<220>

<223> An artificially synthesized primer sequence for construction of p
siH1bX

<400> 18

aaaagaagca gcacgacttc ttctctttg aagaagaagt cgtgctgctt c 51

<210> 19

<211> 16

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized probe sequence for EMSA

<400> 19

cgcctttgat gtgggc 16

<210> 20

<211> 16

<212> DNA

<213> Artificial

<220>

11 / 16

<223> An artificially synthesized probe sequence for EMSA

<400> 20

gccccacatca aaggcgc

16

<210> 21

<211> 20

<212> DNA

<213> Artificial

<220>

<223> target sequence for siRNA

<400> 21

ggttctggag aacaactact

20

<210> 22

<211> 1546

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (538)..(1161)

12 / 16

<223>

<400> 22

cacggccgga gagacgcgga ggaggagaca ttagccggcg ggcccccaga cggagcggcc	60		
gtgacgctt cgcgctgcag ccgcgcgcc cgcacctggaa ggcgtgaccc ctggcccac	120		
gcagctccgc gcccgccg gagagcgcaa ctcggcttcc agaccgcg cgcattgtgt	180		
ccccggactg agccggcag ccagcctccc acggacgccc ggacggccgg ccggccagca	240		
gtgagcgagc ttcccgcac cggccaggcg cctcctgcac agcggctgcc gccccgcagc	300		
ccctgcgcca gcccgaggcg cgcagcgctc gggaggagcc gcgcggggcg ctgatgccgc	360		
agggcgcgcc gcggagcgcc ccggagcagc agagtctgca gcagcagcag ccggcgagga	420		
gggagcagca gcagcggcgg cggcggcggc ggcggcggcg gaggcgcccg gtcccgccg	480		
cgcggagcgg acatgtgcag gctgggctag gagccgcccgc ctccctcccg cccagcg	537		
atg tat tca gcg ccc tcc gcc tgc act tgc ctg tgt tta cac ttc ctg	585		
Met Tyr Ser Ala Pro Ser Ala Cys Thr Cys Leu Cys Leu His Phe Leu			
1	5	10	15
ctg ctg tgc ttc cag gta cag gtg ctg gtt gcc gag gag aac gtg gac	633		
Leu Leu Cys Phe Gln Val Gln Val Leu Val Ala Glu Glu Asn Val Asp			
20	25	30	
ttc cgc atc cac gtg gag aac cag acg cgg gct cgg gac gat gtg agc	681		
Phe Arg Ile His Val Glu Asn Gln Thr Arg Ala Arg Asp Asp Val Ser			
35	40	45	
cgt aag cag ctg cgg ctg tac cag ctc tac agc cgg acc agt ggg aaa	729		

1 3 / 1 6

Arg Lys Gln Leu Arg Leu Tyr Gln Leu Tyr Ser Arg Thr Ser Gly Lys

50 55 60

cac atc cag gtc ctg ggc cgc agg atc agt gcc cgc ggc gag gat ggg 777

His Ile Gln Val Leu Gly Arg Arg Ile Ser Ala Arg Gly Glu Asp Gly

65 70 75 80

gac aag tat gcc cag ctc cta gtg gag aca gac acc ttc ggt agt caa 825

Asp Lys Tyr Ala Gln Leu Leu Val Glu Thr Asp Thr Phe Gly Ser Gln

85 90 95

gtc cgg atc aag ggc aag gag acg gaa ttc tac ctg tgc atg aac cgc 873

Val Arg Ile Lys Gly Lys Glu Thr Glu Phe Tyr Leu Cys Met Asn Arg

100 105 110

aaa ggc aag ctc gtg ggg aag ccc gat ggc acc agc aag gag tgt gtg 921

Lys Gly Lys Leu Val Gly Lys Pro Asp Gly Thr Ser Lys Glu Cys Val

115 120 125

ttc atc gag aag gtt ctg gag aac aac tac acg gcc ctg atg tcg gct 969

Phe Ile Glu Lys Val Leu Glu Asn Asn Tyr Thr Ala Leu Met Ser Ala

130 135 140

aag tac tcc ggc tgg tac gtg ggc ttc acc aag aag ggg cgg ccg cgg 1017

Lys Tyr Ser Gly Trp Tyr Val Gly Phe Thr Lys Lys Gly Arg Pro Arg

145 150 155 160

14/16

aag ggc ccc aag acc cgg gag aac cag cag gac gtg cat ttc atg aag 1065

Lys Gly Pro Lys Thr Arg Glu Asn Gln Gln Asp Val His Phe Met Lys

165.

170-

175-

cgc tac ccc aag ggg cag ccg gag ctt cag aag ccc ttc aag tac acg 1113

Arg Tyr Pro Lys Gly Gln Pro Glu Leu Gln Lys Pro Phe Lys Tyr Thr

180

185

190

acg gtg acc aag agg tcc cgt cgg atc cgg ccc aca cac cct gcc tag 1161

Thr Val Thr Lys Arg Ser Arg Arg Ile Arg Pro Thr His Pro Ala

195

200

205

gccaccccgccgccccct caggtcgcccc tggccacact cacactccca gaaaactgca 1221

tcagaggaat attttacat gaaaaataag gaagaagctc tattttgtta cattgtgttt 1281

aaaagaagac aaaaactgaa cccaaactct tggggggagg ggtgataagg attttattgt 1341

tgacttgaaa ccccgatga caaaagactc acgcaaaggg actgttagtca acccacaggt 1401

gcttgtctct ctcttaggaac agacaactct aaactcgatcc ccagaggagg acttgaatga 1461

ggaaaccaac actttgagaa accaaagtcc tttttcccaa aggttctgaa aggaaaaaaaa 1521

aaaaaaaaaca aaaaaaaaaaa aaaaa 1546

<210> 23

<211> 207

<212> PRT

<213> Homo sapiens

15 / 16

<400> 23

Met Tyr Ser Ala Pro Ser Ala Cys Thr Cys Leu Cys Leu His Phe Leu

1 5 10 15

Leu Leu Cys Phe Gln Val Gln Val Leu Val Ala Glu Glu Asn Val Asp

20 25 30

Phe Arg Ile His Val Glu Asn Gln Thr Arg Ala Arg Asp Asp Val Ser

35 40 45

Arg Lys Gln Leu Arg Leu Tyr Gln Leu Tyr Ser Arg Thr Ser Gly Lys

50 55 60

His Ile Gln Val Leu Gly Arg Arg Ile Ser Ala Arg Gly Glu Asp Gly

65 70 75 80

Asp Lys Tyr Ala Gln Leu Leu Val Glu Thr Asp Thr Phe Gly Ser Gln

85 90 95

Val Arg Ile Lys Gly Lys Glu Thr Glu Phe Tyr Leu Cys Met Asn Arg

100 105 110

Lys Gly Lys Leu Val Gly Lys Pro Asp Gly Thr Ser Lys Glu Cys Val

115 120 125

16 / 16

Phe Ile Glu Lys Val Leu Glu Asn Asn Tyr Thr Ala Leu Met Ser Ala

130 135 140

Lys Tyr Ser Gly Trp Tyr Val Gly Phe Thr Lys Lys Gly Arg-Pro Arg

145 150 155 160

Lys Gly Pro Lys Thr Arg Glu Asn Gln Gln Asp Val His Phe Met Lys

165 170 175

Arg Tyr Pro Lys Gly Gln Pro Glu Leu Gln Lys Pro Phe Lys Tyr Thr

180 185 190

Thr Val Thr Lys Arg Ser Arg Arg Ile Arg Pro Thr His Pro Ala

195 200 205

<210> 24

<211> 7

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized sequence of TBM3

<400> 24

ctttgat